

# EAST HARTFORD PUBLIC LIBRARY MAKERSPACE EQUIPMENT



## 3D PRINTERS

### **Makerbot Replicators, 5th Gen**

Uses polylactic acid (PLA) filament, that comes in a variety of colors.

Build plate is 9.9 x 7.8 x 5.9 inches

The charge for use of our 3D printers is 5¢ per gram of filament used. Use of the 3D printer is available by appointment only. Your files need to be saved to a USB drive or emailed to [makerspace@easthartfordct.gov](mailto:makerspace@easthartfordct.gov) in .stl format. We will call or email you when your item is ready to be picked up. Printed items can be picked up and paid for at the circulation desk.

## OTHER EQUIPMENT

### **Carvey**

The Carvey desktop CNC machine carves 3D designs in wood and plastic using Easel, a free web-based software. Equipment can cut any wood or chipboard with dimensions 12" x 8" x 2.75" or less and able to lay flat.

### **Silhouette Cameo 3**

This is an electronic cutting machine for personal use. Like a home printer, it plugs into your PC or Mac with a simple USB cable. However, instead of printing it uses a small blade to cut paper, cardstock, vinyl, and more up to 12" wide.

### **Sewing Machine**

The library has 2 Brother cS6000i sewing machines. Select from 60 built-in sewing stitches, including decorative stitches and 7 styles of one-step buttonholes; choose from the 9 included presser feet and use the detachable, oversized table for larger projects.

### **Embroidery Machine**

The library has one Brother Innovis NQ1400E Embroidery Machine. Select from 138 built-in embroidery designs, 140 frame pattern combinations, and 11 embroidery lettering fonts. Large 6" x 10" embroidery area, 8.3" from needle to arm, and a 3.7" color LCD touch screen display. On-screen editing includes letter editing, enhanced zoom, resizing, rotating, repositioning, and combining designs.

### **Green Screen**

The green screen on display in the Makerspace is always available. Lighting and extra green fabric is available by appointment. Use a computer or phone apps to create fun photos and videos with the green screen!

### **Conversion Equipment**

VHS to DVD Software, 30mm Slides, negatives and photos to Digital, Cassette to MP3 Converter and Floppy disc reader. Call or email to make an appointment to use equipment.

### **Music Production (for teens!)**

Equipment includes Akai Professional Mini Drum Pad & Keyboard, USB Mic, USB Audio Interface, Akai Headphones and more! Attend two hours of orientation to be able to sign up for Open Lab sessions!

### **For Kids**

Kid friendly items in the makerspace include Snap Circuits, Lego Mindstorms, Makey Makey, Ozobot, View Master Virtual Reality, Osmo Genius Kit and Coding, GoldieBlox, and more!